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TABLE II-4

MECHANICAL PROPERTIES OF POLYPROPYLENE

TEST	MOLDING TEMP, °C	RESIN: NEAT	RESIN: PP + 1 wt% Solid Al ₂ O ₃	RESIN: PP + 0.5 wt% Solid Al ₂ O ₃
Notched Izod Impact @ 73°C, J/m	200	21.4	26.7	32
	180	26.7	37.4	37.4
Unnotched Izod Impact @ 73°C, J/m	200	689	833	854
	180	833	929	881
Heat Deflection Temp., @ 66 psi, °C	200	93	94	99
	180	96	103	100

NOTE: Flexural yield strength, flexural peak strength, 1% Secant modulus and tangent flexural modulus are not substantially affected by molding temperature or the presence of ZnO .